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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

<i>Complete if Known</i>	
Application Number	10/777,656
Filing Date	February 13, 2004
First Named Inventor	TOMOOKA, K., et al.
Group Art Unit	2874
Examiner Name	Unknown
Attorney Docket Number	29287/142



## **U.S. PATENT DOCUMENTS**

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10/777,656

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1 of 3

Complete If Known

Application Number	
Filing Date	
First Named Inventor	TOMOOKA, K., et al.
Group Art Unit	2733
Examiner Name	K. Negash

Attorney Docket Number 29287/142

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,555,477	357/115	Tomooka et al.	09/10/96	
		5,535,037	357/177	Yoneyama	07/09/96	
		5,500,756	357/174	Tsushima et al.	03/19/96	
		5,440,418	359/177	Ishimura et al.	08/08/95	
		5,398,380	359/174	Mjima	03/07/95	
		5,343,484	370/16	Lino, et al.	08/30/94	
		5,343,320	359/160	Anderson	08/30/94	
		5,339,187	359/173	Nelson	08/16/94	
		5,327,275	359/173	Yamane, et al.	07/5/94	
		5,315,426	359/180	Aoki	05/24/94	
		5,300,328	427/388	Rehfuss	04/5/94	
		5,227,808	359/173	Henni	07/13/93	
		5,113,459	385/24	Grasso, et al.	05/12/92	
		5,043,976	359/110	Abiven, et al.	08/27/91	
		4,979,234	359/173	Agrawa, et al.	12/18/90	
		4,680,776	375/40	Ikeuchi, et al.	07/14/87	
		6,018,405	359/134	Tomooka, et al.	01/25/00	
		5,688,658	359/341	Hamada	09/16/97	
		5,548,213	359/179	Suyama	08/13/96	
		5,535,037	359/177	Yoneyama	07/09/96	
		5,291,326	359/160	Heidemann	03/01/94	
		6,266,169	359/134	Tomooka et al.	07/24/01	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	3-258038		Toru Enomoto	11-18-1991	H04B10/08	
		JP	3-270520		Mitsuo Kitamura	12-2-1991	H04B10/08	
		JP	3-214936		Shinji Matsuoka	9-20-1991	H04B10/16	
		JP	3-267829		Junichiro Yamashita	11-28-1991	H04B10/20	
		JP	2-297027		Koji Kikushima	12-7-1990	G01J1/44	
		JP	4-29123	4029123	Shigeto Nishi	1-31-1992	G02F1/35	
		JP	2-266245		Tadatoshi Tanifugi	10-31-1990	G01M11/00	
		JP	3-62638	3062638	Atsushi Takada	3-18-1991	H04B10/06	
		JP	4-7727	1007727	Kazuto Tajima	1-11-1989	H04B9/00	
		JP	57-4625	51004625	Akira Mita	1-11-1982	H04B9/00	
		JP	2-426002	4002925	Toshiyuki Tamura	1-27-1992	H04B9/00	
		JP	2-11774	4014917	Takanori Makii	1-20-1992	H04B9/00	
		EP	0-440-276			-1-16-1991	N/A	03/05/1991
		JP	55-160003	5108389	Nomura Yoshio, et al.	5-25-1982	H04B/00	

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11/15/06